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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

34431

OR

☒ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number
Geoff Sutcliffe	36,348		
Umesh Desai	36,380		

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

34431

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

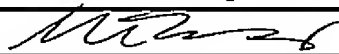
Assignee Name and Address:

AT&T Intellectual Property I, LP  
 645 E. Plumb Lane  
 Reno, Nevada 89502

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	7/17/2008
Name	Umesh Desai	Telephone	512-372-5911
Title			

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: AT&T Intellectual Property I, L.P.Application No./Patent No.: 09/935,092Filed/Issue Date: August 22, 2001

Entitled:

AT&T Intellectual Property I, L.P., a partnership

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy therefore is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Harry Tang To: Bellsouth Intellectual

Property Corporation  
The document was recorded in the United States Patent and Trademark Office at

Reel 011723, Frame 0021, or for which a copy thereof is attached.

2. From: AT&T Delaware Intellectual Property, Inc. To: AT&T Intellectual Property I, L.P.

(formerly known as AT&T BLS Intellectual  
Property, Inc., which was formerly known  
as AT&T Intellectual Property, Inc.,  
which was formerly known as Bellsouth  
Intellectual Property Corporation)

The recordation document is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Daniel J. Glitto/September 11, 2008

Signature

Date

Daniel J. Glitto

312-580-1020

Printed or Typed Name

Telephone Number

Attorney for Applicant

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

RECORDABLE PATENT ASSIGNMENT

This Recordable Patent Assignment is between AT&T Delaware Intellectual Property, Inc. ("AT&T Delaware IP"), a Delaware corporation, and AT&T Intellectual Property I, L.P. ("AT&T IP I"), a Nevada limited partnership.

Effective on June 30, 2008, for good and adequate consideration, the receipt and sufficiency of which has been and hereby is acknowledged, AT&T Delaware IP hereby assigns, transfers, and conveys and/or has assigned, transferred, and conveyed to AT&T IP I all of AT&T Delaware IP's right, title and interest in and to the patents and pending patent applications identified on Attachment A (the "Patents"), with respect to which and to the extent to which AT&T Delaware IP has or previously had the right to so assign, transfer and convey such rights, including all claims for past infringement, and all divisions, reexaminations, reissues, substitutions, continuations, continuations-in-part and extensions thereof, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions in its own name throughout the world including all rights of priority, all rights to public cautionary notices reserving ownership of said inventions and all rights to claim and register said inventions in appropriate registries. AT&T Delaware IP has further agreed to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in AT&T IP I, its successors, assigns and legal representatives.

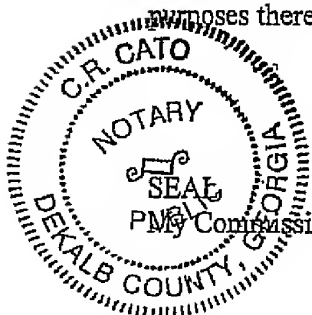
IN WITNESS WHEREOF, AT&T Delaware IP has caused this Recordable Patent Assignment to be executed by its duly authorized representative.

AT&T DELAWARE INTELLECTUAL  
PROPERTY, INC.

By: Michael Bishop  
Michael Bishop  
President and General Counsel

STATE OF Georgia )  
COUNTY OF DeKalb ) ss:

Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 22<sup>nd</sup> day of August, 2008



C.R. Cato  
Notary Public

My Commission Expires: January 22, 2012

## ATTACHMENT A

	A	B	C	D	E
1	AT&T Matter No.	Title	Inventor(s)	Serial No. - Patent No.	Filing Date
2	02023	System and Method for Proactive Management of A Communication Network Through Monitoring A User Network Interface	William Scott Taylor	10/136,592	05/01/2002
3	02025	System and Method for Proactive Scheduling of System Maintenance	William Scott Taylor	10/136,046 - 7,269,128	05/01/2002
4	070196	Computational Communications Service Maintenance Methods and System	Steven Wright; Barrett Kreiner; Edgar Shrum Jr.	11/969,062	01/03/2008
5	00164CIP1	Asynchronous Digital Subscriber Line (ADSL) Resource Planning	Harry Tang	09/935,092	08/22/2001
6	00164	Asynchronous Digital Subscriber Line (ADSL) Resource Planning	Harry Tang	09/749,193 - 6,873,628	12/27/2000
7	01491 Auto Cnt	System and Method for Multiple Test Access in a Communication Network	William Scott Taylor	11/610,960	12/14/2006
8	02024	System and Method for Proactive Maintenance Through Monitoring the Performance fo a Physical Interface	William Scott Taylor	10/136,604	05/01/2002
9	050496PROV-EXPIRED	Managing Logical Representations of Physical Communication Elements in a Hybrid System	Cook et al.	60/743,026	12/12/2005
10	050496	Managing Logical Representations of Physical Communication Elements in a Hybrid System	Craig L. Cook	11/464,677	08/15/2006
11	01491	System and Method for Multiple Test Access in a Communication Network	William Scott Taylor	10/136,080 - 7,190,677	5/1/2002
12	030346C1	Method and Apparatus for Testing Telephone Sound Quality	Bachorik et al.	11/760,603	06/08/2007

## ATTACHMENT A

	A	B	C	D	E
1	AT&T Matter No.	Title	Inventor(s)	Serial No. - Patent No.	Filing Date
13	030346	Method and Apparatus for Testing Telephone Sound Quality	Bachorik et al.	10/403,252 - 7,236,573	03/31/2003
14	01023	System and Method for Providing Multiple Classes of Service in a Packet Switched Network	Thomas Anschutz	09/903,793 - 7,061,919	07/12/2001
15	01023C1	System and Method for Providing Multiple Classes of Service in a Packet Switched Network	Thomas Anschutz	11/382,227	05/08/2006
16	01107PROV - EXPIRED			60/312,360	
17	01107 - EXPIRED			10/218,704	
18	01180	System and Method for Identifying Contaminated Telephone Numbers and Correct LRN Under Number Pooling	Roderick Holland	09/963,918 - 7,106,844	09/26/2001
19	030853	Network Re-Routing Systems and Methods	Thaddeus O. June and Duane Hattaway	11/025,275	12/29/2004
20	99164	End-to-End Network Testing	Zellner et al.	09/752,600 - 6,853,708	12/29/2000
21	99164C1	End-to-End Network Testing	Zellner et al.	11/028,145 - 7,151,819	01/03/2005
22	99164C2	End-to-End Network Testing	Zellner et al.	11/610,779	12/14/2006

# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "AT&T BLS INTELLECTUAL PROPERTY, INC.", CHANGING ITS NAME FROM "AT&T BLS INTELLECTUAL PROPERTY, INC." TO "AT&T DELAWARE INTELLECTUAL PROPERTY, INC.", FILED IN THIS OFFICE ON THE FIRST DAY OF NOVEMBER, A.D. 2007, AT 1:08 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



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You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6181489

DATE: 11-24-07

# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "AT&T INTELLECTUAL PROPERTY, INC.", CHANGING ITS NAME FROM "AT&T INTELLECTUAL PROPERTY, INC." TO "AT&T BLS INTELLECTUAL PROPERTY, INC.", FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF JULY, A.D. 2007, AT 12 O'CLOCK P.M.



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*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5890643

DATE: 07-31-07

# Delaware

PAGE 1

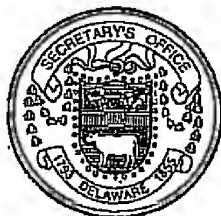
*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "BELLSOUTH INTELLECTUAL PROPERTY CORPORATION", CHANGING ITS NAME FROM "BELLSOUTH INTELLECTUAL PROPERTY CORPORATION" TO "AT&T INTELLECTUAL PROPERTY, INC.", FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF APRIL, A.D. 2007, AT 11:39 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

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*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5631074

DATE: 04-27-07